



# CAIT

Center for Advanced Infrastructure & Transportation  
Rutgers, The State University of New Jersey

## QUARTERLY PROGRESS REPORT

Project Title:	Evaluation Study of the NJ Turnpike Authority's Value Pricing Initiative		
RFP NUMBER:		NJDOT RESEARCH PROJECT MANAGER: Nancy Ciaruffoli	
TASK ORDER NUMBER/Study Number: 114 / 4-26514		PRINCIPAL INVESTIGATOR: Kaan Ozbay (Rutgers) / Jose Holguin-Veras (RPI)	
Study Start Date: 01/01/2002 Study End Date: 12/31/2004		Period Covered: 3 <sup>rd</sup> Quarter 2003	

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
Literature Search	5%	25%	100%	5%
Task 1: Collect socio-economic characteristics of the users.	10%	15%	30%	3
Task 2: Identification of toll structure changes.	2.5%	100%	100%	2.5
Task 3: Traffic data collection.	5%			
Task 4: Assess impacts on users.	5%			
Task 5: Monitor media and decision-makers' reaction to value pricing	2.5%	20%	20%	.5%
Tasks 6-7: Assemble panel of users. Collect travel behavior data.	20%	10%	10%	2%
Tasks 8-9: Behavioral modeling. Estimation of econometric parameters.	10%			
Task 10: Traffic modeling.	10%	20%	20%	2%
Task 11: Estimate congestion levels and travel time savings/losses for before and after conditions.	10%			
Task 12: Estimate environmental impacts for before and after conditions.	5%			
Tasks 13-14: Estimate economic value of travel time savings. Differential impacts among user classes.	5%			
Final Report	10%	0%	0%	0%
TOTAL	100%			14.5%

### 1. Progress this quarter by task:

- Task 1: we continued to work on the possible questions for the focus groups and surveys.
- Task 2: We completed the review of previous value pricing projects and related literature.
- Task 3: We met with Jerry Kraft and Bob Dale NJ Turnpike on the 19<sup>th</sup> of June, 2003. Professor Ozbay and Martin Robbins and Allan Lichtensten of TPI attended the meeting. This meeting was mainly a kick off meeting where we discussed data issues.
- Task 3: We obtained preliminary data from NJTPK and started to analyze it.

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- Task 5: Martin Robbins and Allan Lichtensten of TPI started to work on the media issues.
  - Task 10: We started to build the network around the NJTPk for the traffic modeling.

2. Proposed activities for next quarter by task

Obtain additional traffic data from NJTPk  
Work on the development of surveys and focus group questions  
Work on a preliminary behavioral and traffic model to assess the impacts of value pricing

3. List of deliverables provided in this quarter by task (product date)

4. Progress on Implementation and Training Activities

5. Problems/Proposed Solutions

We received the final task order from NJDOT in order to start the work.

6. Budget Summary\*

Total Project Budget(# of years)	1 Year	\$ 559,618.00
Total Project Expenditure to date		\$39,971
% of Total Project Budget Expended		7%
Task Order Number/Study Number:		114 / 4-26514
Current Task Order Budget (# of years)	Year 1	\$ 559,618.00
Actual Expenditure to date against current task order		\$39,971
% of current task order budget expended		7%

\* These are approximate expended amounts for the project; these estimates are for reference only and should not be used for official accounting purposes. For a more accurate project accounting please review the quarterly invoice for this project.

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